

ABSTRACT

5 In a thrust needle bearing employing lubricating oil and having rollers (2) held by a cage (3) and rolling on races (1a, 1b), the value of the arithmetic average roughness R_a of roller (2) is 0.03 to 0.15 μm . Even when the bearing is used under the conditions where lubrication is lean or lubrication characteristics are wrong, the rolls can be prevented from being worn at the contact parts thereof with the pocket guide face of the cage and the life of the rollers and races can be increased.

10